AMENDMENT UNDER 37 C.F.R. § 1.111 Attorney Docket No.: Q76836

Application No.: 10/566,178

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the

application:

LISTING OF CLAIMS:

1. (currently amended): A process for preparing a high purity (meth)acryloyloxyalkyl

isocyanate which process comprises:

subjecting a hydrolyzable chlorine containing (meth)acryloyloxyalkyl isocyanate to

mixing treatment with an epoxy compound and an amine at least one of an amine and an

imidazole at a temperature of from 110 to 160°C to prepare a mixture; and

preparing a-high purity (meth)acryloyloxyalkyl isocyanate from the resulting mixture.

2. (currently amended): The process for preparing a-high purity (meth)acryloyloxyalkyl

isocyanate according to claim 1 which process further comprises distilling the resulting mixture

to isolate a (meth)acryloyloxyalkyl isocyanate, after the mixing treatment.

3. (currently amended): The process for preparing a high purity (meth)acryloyloxyalkyl

isocyanate according to claim 1 or 2 wherein the mixing treatment is carried out by adding a

polymerization inhibitor.

4. (currently amended): The process for preparing a high purity (meth)acryloyloxyalkyl

isocyanate according to claim 3 which process further comprises carrying out distillation with

adding a polymerization inhibitor after the mixing treatment.

5. (currently amended): The process for preparing a high purity (meth)acryloyloxyalkyl

isocyanate according to claim 3-or-4 wherein the polymerization inhibitor is phenothiazine.

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6. (currently amended): The process for preparing a high purity (meth)acryloyloxyalkyl isocyanate according to claim 5 wherein the mixing treatment is carried out with adding phenothiazine in an amount of from 0.1 to 20 % by mass based on the raw material (meth)acryloyloxyalkyl isocyanate and then the distillation is carried out with adding phenothiazine in an amount of from 3 to 30 % by mass based on the raw material (meth)acryloyloxyalkyl isocyanate.

- 7. (currently amended): The process for preparing a high purity (meth)acryloyloxyalkyl isocyanate according to claim 5-or-6 wherein the total amount of phenothiazine added is from 5 to 50 % by mass based on the raw material (meth)acryloyloxyalkyl isocyanate.
- 8. (currently amended): The process for preparing a high purity (meth)acryloyloxyalkyl isocyanate according to any one of claims 2 to 7 claim 2 wherein the distillation is carried out at a temperature of not higher than 120°C.
- 9. (currently amended): The process for preparing a-high purity (meth)acryloyloxyalkyl isocyanate according to any one of claims 1 to 8 claim 1 or 2 wherein the at least one of an amine and an imidazole is at least one selected from 2-alkyl-4-alkyl imidazole (provided that each alkyl group independently has a carbon number of 1 to 3), trialkyl amine (provided that each alkyl group independently has a carbon number of 4 to 15) and a compound represented by the following formula [A]:

$$H_2N - (CH_2CH_2NH)_n - H$$
 ... [A]

wherein n is an integer of 2 or more.

10. (currently amended): The process for preparing a-high purity (meth)acryloyloxyalkyl isocyanate according to claim 9 wherein the at least one of an amine and an imidazole is 2-ethyl-4-methylimidazole.

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11. (currently amended): The process for preparing a high purity (meth)acryloyloxyalkyl isocyanate according to any one of claims 1 to 10 claim 1 or 2 wherein the (meth)acryloyloxyalkyl isocyanate is (meth)acryloyloxyalkyl isocyanate.